



# AEC Series

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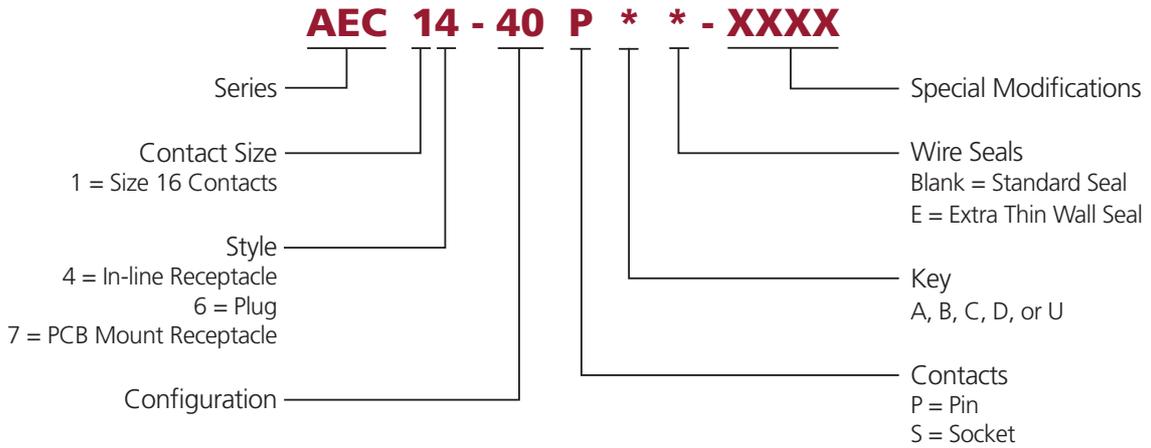
# AEC Series

## AEC Series Overview

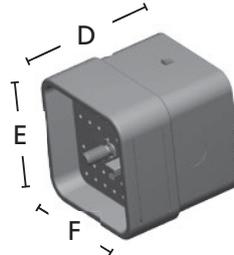
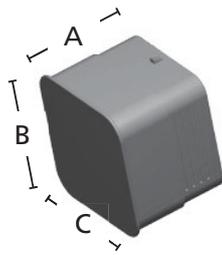
The DEUTSCH AEC Series connectors are environmentally sealed, heavy duty electrical connectors that accept size 16 contacts. The AEC Series connectors are constructed of rugged thermoplastic and offer receptacles with either in-line or PCB mounting options.



### Part Numbering System



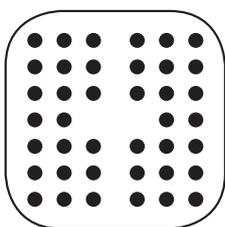
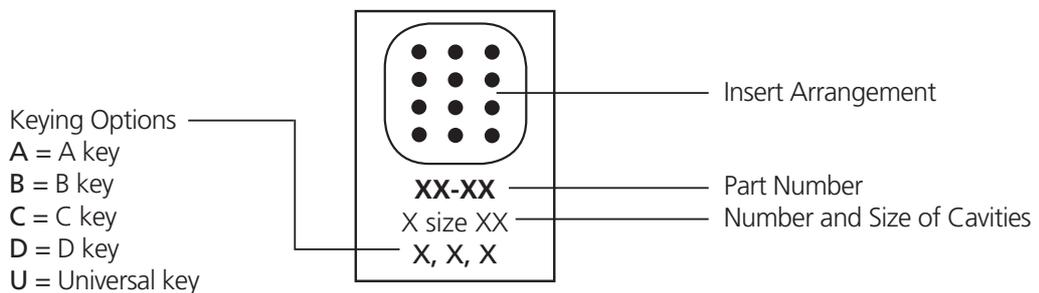
### Dimensions



Cavity	AEC Plug			AEC Receptacle		
	Overall Length A	Overall Height B	Overall Width C	Overall Length D	Overall Height E	Overall Width F
40	1.440 (36.58)	1.778 (45.16)	1.894 (48.11)	1.642 (41.71)	1.944 (49.38)	1.828 (46.43)

Dimensions are for reference only.

## ■ Configuration



**AEC1\*-40\*\*\***  
40 size 16  
A, B, C, D, U

### Notice

Do not over torque jackscrew. The recommended torque rating for the AEC Series plug jackscrew when tightening is 25-28 IN-LB (2.86-3.16 N.M.).

## Accessories

Dust caps and boots are available for use with the AEC Series. The dust caps are designed to provide protection to the connector interface when the connector halves are not mated. The boots are aesthetically appealing and provide increased protection from dirt, paint overspray, and pressure washing.



### Dust Cap

Part Number	Description
0504-002-4001	Dust cap, 40 way receptacle, environmentally sealed
0515-009-4005	Dust cap, 40 way receptacle, non-environmentally sealed
0515-010-4005	Dust cap, 40 way plug, non-environmentally sealed



### Boot

Part Number	Description
AEC40-BT-STPDWN	Boot, 40 way plug or receptacle, black, step-down

\*Distorting the boots can lessen their longevity



